

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084680.D
 Acq On : 05 Nov 2024 12:10
 Operator : JC\MD
 Sample : VN1105WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBSD01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/06/2024
 Supervised By :Mahesh Dadoda 11/06/2024

Quant Time: Nov 06 00:27:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	176566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135110	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124921	48.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.960%
35) Dibromofluoromethane	8.159	113	100611	49.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	10.565	98	364844	48.720	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.847	95	137775	49.228	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38657	19.045	ug/l	97
3) Chloromethane	2.359	50	45708	17.556	ug/l	95
4) Vinyl Chloride	2.512	62	42690	19.554	ug/l	99
5) Bromomethane	2.900	94	21527	18.611	ug/l	95
6) Chloroethane	3.071	64	27293	19.341	ug/l	91
7) Trichlorofluoromethane	3.465	101	69267	19.261	ug/l	94
8) Diethyl Ether	3.953	74	25535	20.128	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	39356	19.367	ug/l	99
10) Methyl Iodide	4.577	142	54994	20.249	ug/l	99
11) Tert butyl alcohol	5.541	59	43049	127.886	ug/l	99
12) 1,1-Dichloroethene	4.324	96	38689	19.241	ug/l	92
13) Acrolein	4.177	56	35762	106.540	ug/l	99
14) Allyl chloride	5.006	41	64335	19.729	ug/l	93
15) Acrylonitrile	5.718	53	113045	116.003	ug/l	98
16) Acetone	4.436	43	93576	125.608	ug/l	94
17) Carbon Disulfide	4.700	76	105493	17.037	ug/l	98
18) Methyl Acetate	5.018	43	61275	20.408	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	134321	21.795	ug/l	98
20) Methylene Chloride	5.265	84	45229	20.165	ug/l #	85
21) trans-1,2-Dichloroethene	5.777	96	40509	19.620	ug/l	94
22) Diisopropyl ether	6.665	45	135837	20.964	ug/l	98
23) Vinyl Acetate	6.600	43	486782	108.942	ug/l	97
24) 1,1-Dichloroethane	6.565	63	78488	20.177	ug/l	95
25) 2-Butanone	7.488	43	144443	121.406	ug/l	99
26) 2,2-Dichloropropane	7.488	77	66567	19.661	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	48526	20.129	ug/l	96
28) Bromochloromethane	7.812	49	32312	20.848	ug/l	91
29) Tetrahydrofuran	7.841	42	97101	123.021	ug/l	97
30) Chloroform	7.959	83	81424	20.565	ug/l	98
31) Cyclohexane	8.253	56	65801	18.689	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	71869	19.943	ug/l	98
36) 1,1-Dichloropropene	8.371	75	52992	18.796	ug/l	99
37) Ethyl Acetate	7.559	43	60069	23.483	ug/l	100
38) Carbon Tetrachloride	8.359	117	62075	19.698	ug/l	97
39) Methylcyclohexane	9.600	83	55860	19.476	ug/l	99
40) Benzene	8.600	78	175434	19.376	ug/l	96

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41) Methacrylonitrile	7.777	41	33180	24.121	ug/l	98
42) 1,2-Dichloroethane	8.665	62	58731	20.029	ug/l	98
43) Isopropyl Acetate	8.688	43	108282	22.380	ug/l	98
44) Trichloroethene	9.347	130	40078	19.193	ug/l	100
45) 1,2-Dichloropropane	9.624	63	43012	20.251	ug/l	97
46) Dibromomethane	9.706	93	30324	20.233	ug/l	96
47) Bromodichloromethane	9.882	83	63763	20.183	ug/l	97
48) Methyl methacrylate	9.682	41	45218	22.713	ug/l	100
49) 1,4-Dioxane	9.700	88	17966	509.260	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	303222	124.345	ug/l	98
52) Toluene	10.629	92	108371	20.465	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	62609	19.145	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	68264	19.723	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	42379	21.246	ug/l	93
56) Ethyl methacrylate	10.871	69	65936	22.853	ug/l	96
57) 1,3-Dichloropropane	11.159	76	71615	20.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	151855	112.475	ug/l	96
59) 2-Hexanone	11.194	43	226563	127.643	ug/l	97
60) Dibromochloromethane	11.359	129	49406	21.732	ug/l	98
61) 1,2-Dibromoethane	11.470	107	42300	20.708	ug/l	98
64) Tetrachloroethene	11.100	164	33892	19.195	ug/l	95
65) Chlorobenzene	11.888	112	118360	19.930	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	42583	20.615	ug/l	99
67) Ethyl Benzene	11.965	91	194821	19.653	ug/l	98
68) m/p-Xylenes	12.070	106	153783	40.977	ug/l	98
69) o-Xylene	12.394	106	72284	20.589	ug/l	97
70) Styrene	12.412	104	125548	20.500	ug/l	98
71) Bromoform	12.576	173	35200	22.646	ug/l #	98
73) Isopropylbenzene	12.694	105	186692	19.718	ug/l	99
74) N-amyl acetate	12.494	43	87961	21.827	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	64690	20.469	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	54367m	20.130	ug/l	
77) Bromobenzene	12.976	156	48956	19.234	ug/l	94
78) n-propylbenzene	13.035	91	216173	19.484	ug/l	99
79) 2-Chlorotoluene	13.123	91	142645	19.676	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	162758	20.740	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22233	19.530	ug/l	95
82) 4-Chlorotoluene	13.217	91	144075	18.884	ug/l	99
83) tert-Butylbenzene	13.435	119	136905	21.080	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	164147	20.267	ug/l	99
85) sec-Butylbenzene	13.611	105	180435	19.668	ug/l	99
86) p-Isopropyltoluene	13.729	119	152572	20.278	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	90338	18.186	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	91339	19.350	ug/l	98
89) n-Butylbenzene	14.053	91	124900	17.746	ug/l	99
90) Hexachloroethane	14.335	117	31323	18.668	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	89285	18.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13927	21.753	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	45378	17.368	ug/l	100
94) Hexachlorobutadiene	15.500	225	20029	17.457	ug/l	98
95) Naphthalene	15.635	128	151361	19.355	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	44016	17.355	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

